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a compressor blade metallic airfoil having pressure side, a suction side, a leading edge, and a trailing edge,

a first laser shock peened surface extending radially at least along a portion of one of said edges on a side of said airfoil extending radially along and chordwise from said one of said edges,

a second laser shock peened surface extending radially at least along a portion of the other one of said edges on a side of said airfoil extending radially along and chordwise from said other one of said edges, and

first and second regions having deep compressive residual stresses imparted by laser shock peening (LSP) extending into said airfoil from said first and second laser shock peened surfaces respectively along said leading and trailing edges of said airfoil wherein said deep compressive residual stresses are formed with focused laser beam spots[,] on said laser shock peened surfaces, the laser beam spots having a power density in a range between 100 and 200 joules per square centimeter.

REMARKS

This preliminary amendment to the Claims is being made to more particularly points out the invention and correct grammatical errors. This proposed amendment adds no new matter to this application and introduces no issues requiring undue consideration. Accordingly, Applicant requests that the amendment be entered.

Respectfully submitted,



Steven J. Rosen
Attorney for the Applicants
Reg. No. 29,972

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General Electric Company
1 Neumann Way - MD H17
Cincinnati, OH 45215-6301

Phone: (513) 243-6473
Alt: (513) 489-5383
FAX: (513) 489-5466